

Racko

Strategy

Object of the Game

There are 60 racko cards, each numbered differently, and at the beginning of the game you will deal 10 cards to each player. Each person has his/her own tray to place the cards in. Cards are placed in your tray in the order they are dealt. Unused cards are placed in middle of the table, number-side-down in the draw pile and one turned up in the discard pile. Each player then takes their turn trying to get their cards in order from LOW to HIGH. To do this, you must take the top card from the discard pile or the draw pile. You must exchange a card in your tray for the one you picked up. After you discard, your turn ends. Play continues until the numbers in your tray are in order from lowest to highest. Once this happens, you call RACKO. Games are played until one person reaches a total score of 500 points.

Stars

Estimation

Object of the Game

Trace several stars to practice. Then estimate how many stars you think you will be able to draw in one minute. Work with a partner if you would like. Write down your estimation, have your partner turn over the timer and start drawing!

Count the number of stars you drew. How close were you to your estimation?

Empty the bowl

Estimation

You can work with a partner, one to roll the die (one) and take pieces out, one to record the score.

Object of the Game

You will roll the die and the number that comes up will be the number that you take out of the bowl. You do not have to roll the exact amount to empty the bowl.

How many times do you think you will have to roll to empty the bowl?

What do you think would be the most rolls it would take to empty the bowl?

Why couldn't the bowl be emptied in just one roll?

Why couldn't it be emptied in two rolls?

What do you think is the fewest number of rolls you would need to empty the bowl?

Popcorn Fill

Estimation

Object of the Game

Learning to estimate is fun, it can be based on the size of objects, the numbers of objects but it helps give us perspective on "how much".

This is an exercise in learning to visually estimate. Look at the container, estimate how many kernels of popcorn the small container will hold.

Write down your estimate.

Fill the container, count the number of kernels.

How close were you to your estimation?

Try a larger container, what did you learn?